ABSTRACT OF THE DISCLOSURE

The present invention provides a method and apparatus for statement boundary detection. In one embodiment of the present invention, a parser determines a natural end of a statement, where possible, based upon the context of the input stream and the syntax of the programming language. Thus, no statement terminator is necessary when a natural end to a statement is determined. The parser uses the natural end of a statement to terminate one statement and begin parsing another statement. In one embodiment, a special statement termination token is required to terminate a statement when no natural statement end exists. In another embodiment, a special statement termination token can be used to terminate a statement when a natural end of the statement exists.